

## Federal Acquisition Regulation

## 8.203-1

should contact the appropriate GSA regional office.

### Subpart 8.2—Jewel Bearings and Related Items

#### 8.201 Definitions.

*Jewel bearing* means a piece of synthetic corundum (sapphire or ruby) of any shape, except a phonograph needle, that has one or more polished surfaces to provide supporting surfaces or low-friction contact areas for revolving, oscillating, or sliding parts in an instrument, mechanism, subassembly, or part. A jewel bearing may be unmounted or may be mounted into a ring or bushing. Examples are watch holes—olive, watch holes—straight, pallet stones, roller jewels (jewel pins), endstones (caps), vee (cone) jewels, instrument rings, cups, and double cups.

*Plant*, as used in this subpart, means the Government-owned, contractor-operated William Langer Plant, Rolla, ND.

*Related item*, as used in this subpart, means a piece of synthetic corundum (sapphire or ruby), other than a jewel bearing, that (a) is made from material produced by the Verneuil flame fusion process, (b) has a geometric shape up to a maximum of 1 inch in any dimension, (c) requires extremely close tolerances and highly polished surfaces identical to those involved in manufacturing jewel bearings, and (d) is either mounted in a retaining or supporting structure or unmounted. Examples are window, nozzle, guide, knife edge, knife edge plate, insulator domed pin, slotted insulator, sphere, ring gauge, spacer, disc, valve seat, rod, vee groove, D-shaped insulator, and notched plate.

#### 8.202 Policy.

Except as otherwise provided in this subpart, (a) jewel bearings shall be acquired from the Plant and (b) related items shall be acquired either from domestic manufacturers or from the Plant.

#### 8.203 Procedures.

##### 8.203-1 Contract clause and solicitation provision.

(a) The contracting officer shall insert the clause at 52.208-1, Required

Sources for Jewel Bearings and Related Items, in solicitations and contracts that may involve items (or any subassembly, component, or part of such items) in the Federal supply classes and groups listed in paragraph (b) below, except for—

(1) Contract actions not exceeding the simplified acquisition threshold;

(2) Items purchased and used outside the United States, its possessions, and Puerto Rico; or

(3) Items that the contracting officer knows do not contain jewel bearings or related items (the contractor's certification required by 8.203-2 does not in itself satisfy this requirement).

(b) Federal supply classes and groups:

(1)	Federal Supply Classes
6605	Navigational Instruments
6610	Flight Instruments
6615	Autopilot Mechanisms and Airborne Gyro Components
6620	Engine Instruments
6625	Electrical- and Electronic-Properties Measuring and Testing Instruments
6630	Chemical-Analysis Instruments
6635	Physical-Properties Testing Equipment
6636	Environmental Chambers and Related Equipment
6640	Laboratory Equipment and Supplies
6645	Time-Measuring Instruments
6650	Optical Instruments
6655	Geophysical and Astronomical Instruments
6660	Meteorological Instruments and Apparatus
6665	Hazard-Detecting Instruments and Apparatus
6670	Scales and Balances
6675	Drafting, Surveying, and Mapping Instruments
6680	Liquid- and Gas-Flow, Liquid-Level, and Mechanical-Motion Measuring Instruments
6685	Pressure-, Temperature-, and Humidity-Measuring and Controlling Instruments
6695	Combination and Miscellaneous Instruments

(2)	Federal Supply Groups
12	Fire-Control Equipment
14	Guided Missiles
15	Aircraft, Airframe Structural Components
16	Aircraft Components and Accessories
18	Space Vehicles
23	Motor Vehicles and Motorcycles
25	Vehicular Equipment Components
42	Firefighting, Rescue, and Safety Equipment
52	Measuring Tools
58	Communications Equipment
59	Electrical and Electronic Equipment Components
63	Alarm and Signal Systems
65	Medical, Dental, and Veterinary Equipment and Supplies
67	Photographic Equipment
69	Training Aids and Devices

(c) The contracting officer shall insert the solicitation provision at 52.208-2, Jewel Bearings and Related Items